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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/927,103	08/10/2001	Michael Priestley	CA920010055US1	3897

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EXAMINER

ABEL JALIL, NEVEEN

ART UNIT PAPER NUMBER

2175

DATE MAILED: 05/08/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/927,103

Applicant(s)

PRIESTLEY, MICHAEL

Examiner

Neveen Abel-Jalil

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.

- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: .

DOV POPOVICI
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PTO-1000 OGY CENTER 2100

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Blumer et al. (U.S. Patent No. 6,189,019).

As to claims 1, 8, and 15, Blumer et al. discloses a computer program product for use in a computer system operatively coupled to a computer readable memory, the computer program product including a computer-readable data storage medium tangibly embodying computer readable program code for directing said computer to create and manage links amongst units of information based on a list of identifiers arranged in an hierarchical order wherein each identifier identifies an associated unit of information (See abstract, also see column 19, lines 15-38), said computer program product comprising:

code for instructing said computer system to store said list of identifiers (See column 11, lines 34-54);

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code for instructing said computer system to examine said list of identifiers to determine the hierarchical order of said identifiers within said list of identifiers (See column 15, lines 1-24, wherein “identifiers” reads on “URL”);

code for instructing said computer system to link a unit of information to at least one other unit of information based on the relative hierarchical order of identifiers (See column 11, lines 54-67, and column 12, lines 1-18) including:

an identifier identifying said unit of information (See column 13, lines 11-35, wherein “unit of information” reads on “document” or file); and

another identifier identifying said at least one other unit of information (See column 17, lines 44-54).

As to claims 2, 9, and 16, Blumer et al. discloses wherein:

said units of information are units of target information; each said identifier of said list of identifiers is adapted to identify source information content of a unit of source information (See column 6, lines 20-42, wherein “source” reads on “location”, lines , also see column 5, lines 44-67, and column 6, lines 1-9, wherein “target information” reads on “document or script” or any other object established by the message request); the system further comprises:

means for generating said units of target information See figure 6, 601, shows “means for generating” represented by “server provides list”, also shows “units of target information” represented by “list of documents on the Web”);

means for examining said list of identifiers to identify said source information content assigned to a unit of target information (See column 11, lines 34-63); and

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means for inserting said source information content into a unit of target information (See figure 10, 1005, shows “means for inserting” represented by “insert”, also shows “one source information content “ represented by “Item”, and shows “a unit of target information“ represented by “outline”, also see figure 9, 905, shows “means for inserting” represented by “follow links found on homepage and add item under homepage for each page found at first level”) based on the identifier of said unit of target information identifying said source information content (See column 6, lines 20-55, wherein “source” reads on “location”).

As to claims 3, 10, and 17, Blumer et al. discloses wherein a plurality of source information content is assigned to a unit of target information (See column 13, lines 25-64, wherein “plurality of source information content” reads on “URL dictionary for the document object”).

As to claims 4, 11, and 18, Blumer et al. discloses wherein:

said units of information are units of target information (See column 11, lines 19-46);

each said identifier of said list of identifiers is adapted to identify source information content of a unit of source information assigned to a unit of target information (See column 5, lines 44-667, and column 1-11, wherein “unit of target information” reads on “documents or file”, and wherein “identifier” reads on “URL”, and wherein “source information” reads on “server information, and possible data content”, also see column 6, lines 35-37); said list of identifiers further comprises:

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a first subset of identifiers (See figure 4, 401, shows “a first subset of identifiers “ represented by “key”) for identifying said units of target information to be generated by said system (See figure 4, 407, shows “identifying said units of target information” reads on “pointer to doc. Structure”), said first subset hierarchically ordered to indicate preferred linking of said units of target information (See column 15, lines 20-61);

a second subset of identifiers (See figure 4, 407, shows “a second subset of identifiers” represented by “value”) for identifying said source information content to be inserted into said units of target information identified by said first subset of identifiers (See column 15, lines 1-19, wherein “identifying” reads on “URL”, and wherein “unit of target information” reads on “retrieve the associated document”);

said means for linking is adapted to link a unit of target information to at least one other unit of target information based on the relative hierarchical order of identifiers (See column 11, lines 34-54, also see column 16, lines 34-48, wherein “adapting” reads on “URL for the new focus”, also see column 15, lines 20-41) including:

an identifier of said first subset for identifying said unit of target information; at least one other identifier of said first subset for identifying said at least one other unit of target information (See column 16, lines 23-64, wherein “at least one other identifier” reads on “links to other documents”); and said system further comprises:

means for generating said units of target information (See figure 6, 601, shows “means for generating” represented by “server provides list”, also shows “units of target information” represented by “list of documents on the Web”); and

means for inserting at least one source information content into a unit of target information (See figure 10, 1005, shows “means for inserting” represented by “insert”,

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also shows “one source information content “ represented by “Item”, and shows “a unit of target information“ represented by “outline”, also see figure 9, 905, shows “means for inserting” represented by “follow links found on homepage and add item under homepage for each page found at first level”) based on an identifier of said second subset identifying said at least one source information content (See column 6, lines 20-55, wherein “source” reads on “location”).

As to claims 5, 12, and 19, Blumer et al. discloses wherein said list of identifiers further includes a third subset of identifiers for identifying links for inter-linking units of target information (See column 16, lines 23-33, wherein “a third subset of identifiers” reads on “document icon”).

As to claims 6, 13, and 20, Blumer et al. discloses wherein the means for linking is adapted to inserting URL links (See column 15, lines 1-11, also see column 16, lines 34-48, wherein “adapting” reads on “URL for the new focus”).

As to claims 7, 14, and 21, Blumer et al. discloses wherein said identifiers of said list are data tags of a markup language (See column 20, lines 52-53, also see column 2, prior art, lines 49-59).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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Drake, Jr. et al. (U.S. Patent No. 5,289,460) discloses maintenance of message distribution trees in a communications network.


Mills (U.S. Patent No. 6,466,940) discloses building a database of CCG values of Web pages from extracted attributes.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 703-305-8114. The examiner can normally be reached on 8:00AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 703-305-3830. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7240 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Neveen Abel-Jalil
May 5, 2003


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